

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2005/050105

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: B23B 41/04**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: B23B, B23C**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 3208211 A1 (G.A. SERLACHIUS OY), 30 Sept 1982 (30.09.1982), figure 1, abstract	1
Y	---	2-4
Y	US 4503693 A (LEO LARIKKA), 12 March 1985 (12.03.1985), figure 2, abstract	1-4
Y	---	
A	DE 4019704 A1 (VOLKSWAGEN AG), 3 January 1991 (03.01.1991), figure 1, abstract	1-4
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 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

15 August 2005

Date of mailing of the international search report

16-08-2005

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. + 46 8 666 02 86

Authorized officer

Fredrik Strand/MP  
Telephone No. + 46 8 782 25 00

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 3501421 A1 (G.A. SERLACHIUS CORP.), 22 August 1985 (22.08.1985), figures 2,3, abstract --	1-4
A	US 3526167 A (FRANCISCO ESCOBEDO), 1 Sept 1970 (01.09.1970), figures 5,6,11, abstract --	1-4
A	US 4786219 A (CLAUDE OBERLIN ET AL), 22 November 1988 (22.11.1988), figure 7, abstract -- -----	1-4

## INTERNATIONAL SEARCH REPORT

Information on patent family members

08/07/2005

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